

L Number	Hits	Search Text	DB	Time stamp
1	222	717/128.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/19 14:04
2	187	717/136.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/19 14:05
3	190	717/158.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/19 14:05
4	193	717/114.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/19 14:05
-	472	(data adj structure).clm. and 717/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/11 12:19
-	2	(imperative with program\$1) and (reduc\$3 or eliminat\$3) with (tedious or redundant) with code	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/11 16:10
-	0	(histor\$3 and (program\$1 with shorter)) and (reduc\$3 with bookkeeping with code)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/11 16:50
-	1	(histor\$3 and (program\$1 with shorter)) and (eliminat\$3 with bookkeeping with code)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/11 16:50
-	212	histor\$3 and (program\$1 with shorter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/11 16:50
-	3	("5327561" "5448737" "5659754").PN.	USPAT	2004/02/12 10:27
-	20	5768596.URPN.	USPAT	2004/02/12 10:28
-	4	("5327561" "5448737" "5659754" "5768596").PN.	USPAT	2004/02/12 10:38
-	1	6131189.URPN.	USPAT	2004/02/12 10:57
-	0	702/186.ccls. and ((sav\$3 or stor\$3) with sequenc\$2 with value\$1 with variable\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/12 11:00
-	8	702/186.ccls. and ((sav\$3 or stor\$3) with value\$1 with variable\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/12 11:04
-	16	702/187.ccls. and ((sav\$3 or stor\$3) with value\$1 with variable\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/12 11:04

DIALOG(R)File 349:PCT FULLTEXT
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00738589 **Image available**

COMPUTER CONTROLLED TOYS THAT PROVIDE MESSAGES TO THE USER

**JOUETS A COMMANDE ELECTRONIQUE EMETTANT DES MESSAGES A DESTINATION DE
L'UTILISATEUR**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200051697 A1 20000908 (WO 0051697)

Application: WO 2000IL130 20000302 (PCT/WO IL0000130)

Priority Application: US 99260931 19990302

Designated States: AE AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA
CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility
model) DM EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT
TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A63F-009/24

International Patent Class: G06F-009/00; G09B-005/06

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 27075

English Abstract

A method (figs. 10-13, 16-20, 25-37, 66, 69, 71, 75, 78, 80, 82, 88, 91, 93 and 96) and apparatus (figs. 1-9, 14-15, 21-24, 38-65, 70, 72-74, 76-77, 81, 83-87, 89-90, 92 and 94-95) providing communication between a user and a computer network (120), audible at the location of a fanciful body (100), and providing oral motivational messages (fig. 29) to the user via this communication.

French Abstract

L'invention concerne un procede (fig. 10-13, 16-20, 25-37, 66, 69, 71, 75, 78, 80, 82, 88, 91, 93 and 96) et un appareil (fig. 1-9, 14-15, 21-24, 38-65, 70, 72-74, 76-77, 81, 83-87, 89-90, 92 et 94-95) permettant a un utilisateur et a un reseau (120) informatique de communiquer, les communications audibles provenant d'un jouet (100). Ce procede et cet appareil emettent egalement, par l'intermediaire de ces communications, un message (fig. 29) oral stimulant a destination dudit utilisateur.

Legal Status (Type, Date, Text)

Publication 20000908 A1 With international search report.

...Collect and run preliminary
filters on data received from Push Client
Living object
2) Provide **logging data** for the I Automatic download of Behaviors
from Pw Push Client so that it can...

27/5,K/30 (Item 30 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00731927 **Image available**
**EXECUTING PROGRAMS FOR A FIRST COMPUTER ARCHITECTURE ON A COMPUTER OF A
SECOND ARCHITECTURE**
**EXECUTION DE PROGRAMMES DESTINES A UNE PREMIERE ARCHITECTURE D'ORDINATEUR
SUR UN ORDINATEUR A SECONDE ARCHITECTURE**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200045257 A2-A3 20000803 (WO 0045257)
Application: WO 2000US2239 20000128 (PCT/WO US0002239)
Priority Application: US 99239194 19990128; US 99322443 19990528; US
99332263 19990611; US 99334530 19990616; US 99385394 19990830

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/455

International Patent Class: G06F-009/318; G06F-009/38

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 48706

English Abstract

A computer able to execute programs coded in either of two binary instruction sets. Memory is divided into regions, and each region is marked to indicate which of the two instruction sets are to be used to execute instructions fetched from that region. The native operating system manages contexts so that the operating system for the guest instruction set architecture can context switch, even if the process being context-switched out is a process in the native instruction set. Code in the guest instruction set is profiled to determine which portions are most profitably translated into the native instruction set. Circuitry recognizes when execution of a binary in the guest instruction set has reached a flow point for which a translated native equivalent exists. Concurrency controls protect the translated native code against modification by self-modifying code or DMA writes.

French Abstract

La presente invention concerne un ordinateur capable d'exécuter des programmes codés dans l'un de deux ensembles d'instructions binaires. La mémoire est divisée en régions, et chaque région est marquée afin d'indiquer lequel des deux ensembles d'instructions est à utiliser pour l'exécution des instructions appelées provenant de cette région. Le système d'exploitation natif gère les contextes de manière à ce qu'il soit possible à ce système de changer de contexte pour l'architecture de l'ensemble d'instructions invité, même si le processus après changement de contexte est un processus en ensemble d'instructions natif. Le code, dans l'ensemble d'instructions invité, est passé en revue afin de déterminer quelles parties sont avantageusement traduites en ensemble d'instructions natif. Les circuits reconnaissent lorsque l'exécution d'un binaire dans l'ensemble d'instructions invité a atteint un point de débit pour lequel un équivalent natif traduit existe. Des commandes d'exécution simultanée protègent le code natif traduit contre une modification à l'aide de code auto-modifiant ou d'écritures d'adresse directe de mémoire (DMA).

Legal Status (Type, Date, Text)

Publication	20000803	A2 Without international search report and to be republished upon receipt of that report.
Search Rpt	20010308	Late publication of international search report
Republication	20010308	A3 With international search report.
Search Rpt	20010308	Late publication of international search report
Examination	20010405	Request for preliminary examination prior to end of 19th month from priority date
Claim Mod	20010614	Later publication of amended claims under Article 19 received: 20010117.
Republication	20010614	A3 With international search report.
Republication	20010614	A3 With amended claims.

Fulltext Availability:

Claims

Claim

... the steps of on a first CPU of a multiprocessor computer, executing a program, and collecting **profile data** describing the **execution** of the **program** ; on a second CPU of the multiprocessor, while the profiling of the **program** continues, **analyzing** the collected **profile data** ; controlling the **execution** of the **program** on the first CPU based at least in part on the analysis of the collected **profile data** .

25 A method, comprising the steps of executing instructions on a computer, instruction pipeline circuitry of...

27/5,K/31 (Item 31 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00730875 **Image available**

PRINTED MEDIUM ACTIVATED INTERACTIVE COMMUNICATION OF MULTIMEDIA INFORMATION, INCLUDING ADVERTISING

COMMUNICATION INTERACTIVE MISE EN OEUVRE PAR UN SUPPORT IMPRIME D'INFORMATIONS MULTIMEDIA, Y COMPRIS PAR DE LA PUBLICITE

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200043862 A1 20000727 (WO 0043862)

Application: WO 2000US1727 20000126 (PCT/WO US0001727)

Priority Application: US 99236176 19990125

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-003/00

International Patent Class: G06F-017/27

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11238

English Abstract

The present invention describes a revolutionary new device bridging the gap between the virtual multimedia-based Internet world and the real world, best exemplified by print media. More particularly, the invention

relates to communicating multimedia information using a scanner (100) for machine-readable code (10) containing a link information corresponding to a provider information (600) depicted on the printed medium (50), a user interface (120) for obtaining user input information corresponding to the provider information, a communication bridge for sending the link information and the user input information via the network, a receiver (180) in communication with the scanner, capable of receiving the link information and the user input information, and further capable of receiving and playing a multimedia information sequence (500), and a portal server (200) in communication with the scanner via the network capable of selecting a multimedia information sequence corresponding to the link information and the user input information.

French Abstract

La presente invention concerne un nouveau dispositif revolutionnaire qui permet de combler la lacune existant entre le monde virtuel d'Internet fonde sur le multimedia et le monde reel, dont l'exemple le plus representatif est les medias imprimes. De maniere plus specifique, cette invention concerne la communication d'informations multimedia a l'aide d'un dispositif de balayage (100) de code (10) lisible par machine contenant une information de lien correspondant a une donnee (600) de fournisseur presentee sur le medium imprime (50), une interface utilisateur (120) qui permet d'obtenir des informations d'entree d'utilisateur correspondant a la donnee de fournisseur, un pont de communication qui sert a envoyer l'information de lien et les informations d'entree d'utilisateur via le reseau, un recepteur (180) qui est relie au dispositif de balayage et peut recevoir l'information de lien et les informations d'entree d'utilisateur, et qui, en outre, peut recevoir et afficher une sequence (500) d'informations multimedia, et un serveur de portail (200) qui communique avec le dispositif de balayage via le reseau et qui est capable de selectionner une sequence d'informations multimedia correspondant a l'information de lien et aux informations d'entree d'utilisateur.

Legal Status (Type, Date, Text)

Publication 20000727 A1 With international search report.
Publication 20000727 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination 20010405 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... portal server maintains a tracking module working in conjunction with a statistics module collecting the **scanned** information on the basis of **code** types used in **scanning** the provider information and collecting demographic ?O information relating to the user personal **profile information** , link **information** , and user input information.

77 The system of claim 76, wherein the tracking module is...

27/5,K/32 (Item 32 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00579132 **Image available**

**ADAPTABLE INTEGRATED-CONTENT PRODUCT DEVELOPMENT SYTEM
SYSTEME DE DEVELOPPEMENT DU PRODUIT A CONTENU INTEGRE ADAPTABLE**

Patent Applicant/Assignee:

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BICKNELL Kris D,

Inventor(s):

BICKNELL Barbara A,
BICKNELL Kris D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200042505 A1 20000720 (WO 0042505)

Application: WO 2000US987 20000114 (PCT/WO US0000987)

Priority Application: US 99116123 19990115

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ

DE DE DK DK DM EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG

KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD

SE SG SI SK SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW

SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR

GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-009/44

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 23781

English Abstract

A computer program product for product planning. The invention has a main project planning application with a hierarchial product planning architecture which is configured interactively with the project planning tool user. The product development system is designed to increase the probability of product or services success by reducing development time. The invention reduces risk associated with development cycles by integrating sufficient information into the development cycle. Risk of future development of products and services is reduced by the repeatability of activities captured by the invention.

French Abstract

L'invention porte sur un progiciel de planification du produit. Elle presente une principale application de planification de projet ayant une architecture de planification du produit hierarchisee, configuree de maniere interactive avec l'outil de planification de projet utilisateur. Le systeme de developpement de produit est concu pour augmenter la probabilite de succes du produit ou des services en reduisant le temps de mise au point. Le procede de l'invention permet de diminuer les risques associes aux cycles de developpement en integrant des informations suffisantes dans ces cycles. Les risques lies au developpement ulterieurs de produits ou de services sont limites par la repetabilite des activites realisable grace au procede de l'invention.

Fulltext Availability:

Claims

Claim

... Maintenance screen is displayed

Enabled only if User Chance

the user is the Maintenance Users

app admin Screen a Chance User

User Info

Delete

User

sy
consulting to support the product and...

27/5,K/33 (Item 33 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00573130 **Image available**

**AUTOMATIC AND SELECTIVE TRANSFER OF SOFTWARE AND CONFIGURATION INFORMATION
FROM A SOURCE COMPUTER TO A TARGET COMPUTER AND AUTOMATIC UPGRADE OF
SOFTWARE**

**TRANSFERT AUTOMATIQUE ET SELECTIF D'UN LOGICIEL ET D'INFORMATIONS DE
CONFIGURATION D'UN ORDINATEUR SOURCE A UN ORDINATEUR CIBLE ET
AMELIORATION AUTOMATIQUE DU LOGICIEL**

Patent Applicant/Assignee:

PCFIRST COM INC,

Inventor(s):

URBAN Avi,

LOVEMAN Jason,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200036503 A2 20000622 (WO 0036503)

Application: WO 99US30236 19991217 (PCT/WO US9930236)

Priority Application: US 98114152 19981217; US 99466270 19991217

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD

RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-009/445

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13436

English Abstract

The software program automatically and selectively transfers source computer software and configuration information to a target computer. The **program** automatically **scans** the source and target computers to detect software and configuration **information**. **Profiles** of both computers are created from the scanned information and stored in a database. The **program analyzes** the source and target computer profiles based on expert knowledge. Source computer software is automatically transferred to the target computer if the software is compatible or can be configured to work on the target computer. The program checks a data server, such as the Internet or another preprogrammed dial-up site, for upgrades and updates of the source computer software. If upgrades or updates are found, the program automatically installs them on the target computer. The software program of the present invention automatically upgrades and updates software on a remote computer of a user. The **program** automatically **scans** the remote computer to detect **software** and configuration **information**, creates a **profile** of the remote computer, and stores the profile in a database. The **program checks** a data server, such as the Internet or another preprogrammed dial-up site, for upgrades and updates of the software on the remote computer of the user. The user is electronically notified, such as by electronic mail, of upgrades and updates found. If the user electronically responds with a request for software upgrades or updates, the program automatically

knowledge residing on a server...COMPUTER -261
OF PRESENT INVENTION.
Figo 2F
SUBSTITUTE SHEET (RULE 26)
ES 276
SERVER COMPUTER **SOFTWARE ANALYZES** HOSE I STA
SOURCE AND TARGET COMPUTER **PROFILE** TO NEW SOFTWARE
INFORMATION BASED ON EXPERT PACKAGE
KNOWLEDGE RESIDING ON SERVER 263
COMPUTER OF PRESENT INVENTION.
TRANSFER SOFTWARE...

...DOCUMENTS
UPGRADE OR UPDATE IN MASTER LOG.
274
SU.8STITUTE SHEET (RULE 26)
/11
PROPRIETARY **SOFTWARE** AUTOMATICALLY
SCANS TARGET COMPUTER AND
AUTOMATICALLY DETECTS INSTALLED 282
SOFTWARE, DATA, AND CONFIGURATION
INFORMATION.
PROPRIETARY SOFTWARE CREATES 284
PROFILE OF **INFORMATION** DETECTED.
I
PROPRIETARY SOFTWARE STORES
PROFILE IN DATABASE ON SERVER 286
COMPUTER OF PRESENT INVENTION...DOCUMENTS
UPGRADE OR UPDATE IN MASTER LOG ON -382
SERVER COMPUTER OF PRESANT INVENTION.
PROPRIETARY **SOFTWARE** AUTOMATICALLY
Fig. K-B **SCANS** REMOTE COMPUTER OF THE USER
383- AND AUTOMATICALLY DETECTS INSTALLED
SOFTWARE, DATA, AND CONFIGURATION
INFORMATION.
I
PROPRIETARY SOFTWARE
384- CREATES **PROFILE** OF
INFORMATION DETECTED.
I
PROPRIETARY SOFTWARE UPDATES
DATABASE ENTRY FOR REMOTE
385- COMPUTER OF USER IN DATABASE...

27/5,K/34 (Item 34 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00571483 **Image available**
SYSTEM AND METHOD FOR CONTROLLING THE USAGE OF DIGITAL OBJECTS
SYSTEME ET PROCEDE PERMETTANT DE GERER L'UTILISATION D'OBJETS NUMERIQUES
Patent Applicant/Assignee:
MEDIADNA INC,
Inventor(s):
BENSON Greg,
HACKBARTH Edward,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200034856 A2 20000615 (WO 0034856)
Application: WO 99US29147 19991208 (PCT/WO US9929147)

Priority Application: US 98111496 19981208

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ
BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT
SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-009/44

International Patent Class: G06F-009/46

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9500

English Abstract

A system and method for managing the use and access of digital data objects. According to the invention, control rights associated with a digital data object activate an external control object and an intercept **application** to intercept and **monitor** communications between a hosting **application** and a document server application associated with the creation of the digital data object. These intercepting and monitoring functions are performed without affecting or changing the hosting application or the document server application. The external control object activates an intercept application which mimics the functions of the document server **application** and **performs** user actions on the digital data object as authorized by the external control object according to the control rights associated with the digital object. By intercepting and monitoring user actions on a digital data object, the invention can control access and use of the digital data object. Additionally, the invention can **record histories** of user actions on the digital data object. Moreover, the invention can augment the functions of the document server application associated with digital data object. Further, for security reasons, the invention can restrict use of the digital object to only authorized users. In addition, this invention may accomplish these functions by implementation in connection with Microsoft's Active Document Specification, which is built upon the Microsoft Component Object Model (COM) architecture and which is part of Microsoft's Object Linking and Embedding (OLE) family of technologies.

French Abstract

La presente invention concerne un systeme et un procede permettant de gerer l'utilisation d'objets numeriques ainsi que leur acces. Selon l'invention, les droits de controle associes a l'objet numerise activent un objet de commande externe et une application d'interception, le but etant d'intercepter et de surveiller des communications entre une application hote et une application serveur de documents en rapport pour la creation de l'objet numerique. Ces fonctions d'interception et de surveillance se deroulent sans repercussions sur l'application hote ou sur l'application serveur de documents, ni modification de ces dernieres. L'objet de controle externe active l'application d'interception qui simule les fonctions de l'application serveur de documents et execute des actions utilisateur sur l'objet numerique selon l'autorisation qui est donnee par l'objet de commande externe en application des droits de controle associes a l'objet numerique. Grace a l'interception et a la surveillance des actions utilisateur sur l'objet numerise, il est possible de controler l'accès a cet objet et l'utilisation qui en est faite. De plus, cette invention permet de recapituler les actions utilisateur execute l'objet numerise. Elle permet egalement d'elargir les fonctions de l'application serveur de documents associee rapport avec l'objet numerique. Pour des raisons de securite par ailleurs, il est

possible de restreindre l'utilisation de l'objet numerique aux seuls utilisateurs autorises. Pour l'execution de ces fonctions, la mise en oeuvre peut se faire dans le cadre du Active Document Specification de Microsoft, qui est une extension de l'architecture Component Object Model (COM) de Microsoft et qui fait partie de la famille de Object Linking and Embedding (OLE) de ce meme Microsoft.

English Abstract

...rights associated with a digital data object activate an external control object and an intercept **application** to intercept and **monitor** communications between a hosting **application** and a document server application associated with the creation of the digital data object. These...

...external control object activates an intercept application which mimics the functions of the document server **application** and **performs** user actions on the digital data object as authorized by the external control object according...

...invention can control access and use of the digital data object. Additionally, the invention can **record histories** of user actions on the digital data object. Moreover, the invention can augment the functions...

27/5,K/35 (Item 35 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00568298

COLLECTION AND ANALYSIS OF USER PROFILE INFORMATION

COLLECTE ET ANALYSE D'INFORMATIONS DE PROFIL D'UTILISATEUR

Patent Applicant/Assignee:

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Inventor(s):

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YUEN Miya,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200031671 A1 20000602 (WO 0031671)

Application: WO 99US27217 19991116 (PCT/WO US9927217)

Priority Application: US 98196395 19981119

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ

BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT

SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/60

International Patent Class: G06F-011/32

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 20848

English Abstract

A system is disclosed that facilitates a web-based user network interface is created by obtaining user profile information from a database of user profile information. Then, the system gathers behavioral information from the user profile information and statistically analyzes

the behavioral information to generate graphs indicative of the user's interaction with applications which are presented on a display utilizing agent software. Agent software is also utilized to gather user profile information pertaining to application usage and agent utilization to determine characteristics of a user for use in tuning a consistent user interface to applications.

French Abstract

La presente invention concerne un systeme qui permet de creer une interface usager-reseau accessible sur Internet au moyen de l'obtention d'informations relatives au profil d'utilisateur dans une base de donnees d'informations de profils d'utilisateur. Le systeme collecte ensuite les informations relatives au comportement qui se trouvent dans les informations de profils d'utilisateur et analyse de maniere statistique les informations de comportement pour generer des graphiques qui representent l'interaction de l'utilisateur avec des applications qui sont presentees sur un affichage a l'aide d'un logiciel agent. Le logiciel agent est egalement utilise pour recueillir des informations de profil usager qui concernent l'utilisation de l'application et l'utilisation de l'agent pour determiner des caracteristiques d'un usager destinees a etre utilisees pour regler une interface usager adaptee aux applications.

Fulltext Availability:
Claims

Claim

... readable medium that creates an information summary, comprising:
(a) a code segment that obtains user **profile information** ;
(b) a code segment that gathers behavioral **information** from the user **profile information** ; (c) a **code** segment that **statistically analyzes** the behavioral information; (d) a **code** segment that generates graphs indicative of the user's interaction with applications; and (e) a
...

27/5,K/36 (Item 36 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00543727 **Image available**

SYSTEM AND METHOD FOR REMOTELY ANALYZING THE EXECUTION OF COMPUTER PROGRAMS
SYSTEME ET PROCEDE D'ANALYSE A DISTANCE DE L'EXECUTION DE PROGRAMMES
D'ORDINATEUR

Patent Applicant/Assignee:

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Inventor(s):

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VOROBAY Anatoly,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200007100 A1 20000210 (WO 0007100)

Application: WO 99US17251 19990729 (PCT/WO US9917251)

Priority Application: US 98126120 19980730; US 98126126 19980730

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE DE
DK DK EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM
AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-009/45

Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 23254

English Abstract

A software system is disclosed which facilitates the **process** of tracing the **execution** paths of a **program**, called the client (102). The **tracing** is **performed** without requiring modifications to the **executable** or source **code** files of the client (102). **Trace data** collected during the **tracing** operation is collected according to instructions in a trace options file (120). At **run** time, the **tracing** library (125) attaches to the memory image of the client (102). The tracing library (125) is configured to monitor execution of the client (102) and to collect **trace data**, based on selections in the trace options file (120). The developer (112) then uses a trace **analyzer program** (106), also having a graphical user interface, to view the **trace information**. The system can **trace** multiple threads and multiple **processes**. The **tracing** library (125) is preferably configured to run in the same process memory space as the client (102) thereby **tracing** the **execution** of the client **program** without the need for context switches. The tracing system provides a remote mode and an online mode. In remote mode, the developer (112) sends the **trace control information** (120) to a remote user site together with a small executable image called the agent that enables a remote customer, to generate a trace file (122) that represents **execution** of the client **application** at the remote site. In online mode, the developer can generate **trace** options, **run** and **trace** the client (102), and display the trace results in near real-time on the display **screen** during **execution** of the client **program**.

French Abstract

La presente invention concerne un systeme de logiciel facilitant le procede de suivi des chemins d'**execution** d'un **programme**, appele le client (102). Le tracage est effectue sans qu'il soit necessaire de modifier les fichiers du code source ou du **programme executable** du client (102). Les donnees de tracage collectees durant l'operation de tracage sont recueillies selon des instructions contenues dans un fichier d'options **trace** (120). A l'**execution**, la bibliotheque de tracage (125) s'attache a l'image memoire du client (102). La bibliotheque de tracage (125) est configuree afin de suivre l'execution du client (102) et de recueillir les donnees de trace, sur la base de selections dans le fichier d'options trace (120). Le developpeur (112) utilise alors un **programme analyseur** de trace (106), a l'aide aussi d'une interface utilisateur graphique afin de visualiser l'**information** de **trace**. Le systeme peut effectuer le tracage de multiples unites de traitement et de procede. La bibliotheque de tracage (125) est de preference configuree afin de s'executer dans le meme espace memoire d'execution que celui du client (102), ce qui permet un tracage de l'**execution** du **programme** client sans necessite de commutateurs de contexte. Le systeme de tracage comporte un mode en ligne et un mode a distance. Dans le mode a distance, le developpeur (112) envoie l'**information** de commande de **trace** (120) a un site d'utilisateur distant en meme temps qu'une petite image executable, appelee l'agent, qui permet a un utilisateur eloigne de generer un fichier trace (122) qui represente l'**execution** de l'**application** client au site distant. Dans le mode en ligne, le developpeur peut generer des options **trace**, **executer** et **tracer** le client (102), et afficher les resultats de trace pratiquement en temps reel sur l'ecran d'affichage lors de l'**execution** du **programme** client.

du programme client.

Claim

... process of identifying and isolating bugs within a client program without requiring modifications to the **executable** and source **code** files of the client program, the client program including at least a source **code** representation, an **executable code** representation, and build information that links the source **code** representation to the **executable code** representation, the build information generated during building of the executable representation from the source code...

...specify one or more elements to be traced, the first code module configured to generate **trace control information** based on selections by said developer of said source code elements to be traced, said first code module using at least said build **information** to generate said **trace control information** ;

@ a second code module that attaches to a memory image of said executable representation of said client program based on said **trace control information** , said second **code** module configured to **monitor execution** of said client **program** and to generate, based on said selections by said developer, **trace information** that reflects said **execution** , said second **code** module configured to **run** in a same context as said client program; and a third code module that translates said **trace information** into a human-readable form based on at least said build **information** , and displays translated **trace information** on said display screen to allow said developer to **analyze** the **execution** of said client **program** ; wherein said second code module is adapted to be executed separately from said first and third code modules, the system thereby enabling a developer to remotely control and **evaluate** the tracing of said client **program** .

2 A method of remotely debugging a client program which runs at a client site...

...first code module that attaches to a memory image of said client program, said first **code** module configured to **monitor** execution of said client **program** and to generate **trace information** that reflects said execution; and
a second code module that translates said **trace information** into a human-readable form, and displays translated **trace information** on a display screen to allow said developer to **analyze** the **execution** of said client **program** .

6 The software system of Claim 5, wherein the first and second code modules are...

...9 The software system of Claim 5, wherein said second code module displays said translated **trace information** on said display **screen** during execution of said client **program** .

10 The software system of Claim 5, wherein said second **code** module provides an offline **analysis** mode which provides functionality for interactively analyzing said **trace information** after the **monitoring** of said client **application** has completed. 11. The software system of Claim 5, wherein said second code module translates said **trace information** into a human-readable form based on at least build information, where said build information links said source **code**

representation to said **executable code** representation

12 The software system of Claim 11, wherein said build information is generated...developer to interactively specify one or more elements to be traced, said third code generating **trace control information** which is used by said first **code** module to **monitor** and **trace** said **execution** of said client **program**

21 The software system of Claim 20, wherein said third code module modifies trace control...

...software system that facilitates the process of identifying and isolating bugs within a plurality of **programs** each **running** one or more threads, without requiring modifications to **executable** or source **code** files of said programs, each of said programs including at least a source **code** representation, an **executable code** representation, and build information that links the source **code** representation to the **executable code** representation, the build information generated during building of the executable representation from the source code...

...a first user interface module that displays source code elements of one or more source **programs** on a display **screen** together with controls that enable a software developer to interactively specify one or more source code elements to be traced, the first user interface module configured to generate **trace control information** based on selections by said developer of said source code elements to be traced, said first user interface module using at least said build **information** to generate said **trace control information**; a first library module configured to attach to a memory image of a first **process executing** a first **program**, said first library module configured to use said **trace control information** to **monitor execution** of said first **program** and to generate first **trace information**; a second library module configured to attach to a memory image of a second **process executing** a second **program**, said second library module configured to use said **trace control information** and to **monitor execution** of said second **program** and to generate second **trace information**; and a second user interface module that translates said first and second **trace information** into a human

37

readable form based at least on said build information, and displays... running program being one of said client programs, said first trace library module configured to **monitor** execution of said first **running program** and to generate first **trace information** that reflects **execution** of said first **running program**; and

a second trace library module that attaches to a memory image of a second **running program**, said second **running program** being one of said client programs, said second trace library module configured to **monitor** execution of said second **running program** and to generate second **trace information** that reflects **execution** of said second **running program**.

37 The **software** system of Claim 36, wherein said first and second trace library modules are configured to...

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00539949 **Image available**

METHOD AND APPARATUS FOR COMPILING

PROCEDE ET APPAREIL DE COMPILATION

Patent Applicant/Assignee:

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OKADA Tetsuya,

Inventor(s):

FUKUZAWA Yuji,
OKADA Tetsuya,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200003322 A1 20000120 (WO 0003322)

Application: WO 99JP3710 19990708 (PCT/WO JP9903710)

Priority Application: JP 98195586 19980710; JP 99188661 19990702

Designated States: CA US

Main International Patent Class: G06F-009/45

Publication Language: Japanese

English Abstract

A source **program analyzer** (11) performs various analyses of a source **program**, generates **analysis** information on the source **program**, and stores it in a source **program analysis** information storage (12). Based on the **analysis** information in the source program analysis information storage (12), an executable-**program** generator (13) generates an executable program for generating **profile information**. A **profile information** generator (14) generates **profile information** based on the information obtained by the executing of the program. The executable-program generator (13) generates an optimized executable **program** based on the **analysis** information on the source **program** stored in the source **program analysis** information storage (12) and the **profile information** generated by the **profile information** generator (14).

French Abstract

L'invention concerne un analyseur (11) de programme source qui effectue plusieurs analyses d'un programme source, genere des informations d'analyse du programme source et les memorise dans une memoire (12) d'informations d'analyse de programme source. Sur la base des informations d'analyse dans la memoire (12) d'informations d'analyse de programme source, un generateur de programme executable (13) genere un programme executable permettant de generer des informations de profil. Un generateur d'informations de profil (14) genere des informations de profil sur la base des informations obtenues en executant le programme. Le generateur de programme executable (13) genere un programme executable optimise sur la base des informations d'analyse du programme source memorises dans la memoire (12) d'informations d'analyse de programme source et des informations de profil generees par le generateur d'informations de profil (14).

English Abstract

A source **program analyzer** (11) performs various analyses of a source **program**, generates **analysis** information on the source **program**, and stores it in a source **program analysis** information storage (12). Based on the **analysis** information in the source program analysis information storage (12), an executable-**program** generator (13) generates an executable program for generating **profile information**. A **profile information** generator (14) generates **profile information** based on the information obtained by the executing of the program. The

executable-program generator (13) generates an optimized executable program based on the analysis information on the source program stored in the source program analysis information storage (12) and the profile information generated by the profile information generator (14). ...

27/5,K/38 (Item 38 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00537505 **Image available**

METHODS FOR INCREASING INSTRUCTION-LEVEL PARALLELISM IN MICROPROCESSORS AND DIGITAL SYSTEMS

PROCEDES PERMETTANT D'AUGMENTER LE PARALLELISME ENTRE INSTRUCTIONS DANS LES MICROPROCESSEURS ET LES SYSTEMES NUMERIQUES

Patent Applicant/Assignee:

CHI-LAN WONG Derek,

Inventor(s):

CHI-LAN WONG Derek,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200000878 A2 20000106 (WO 0000878)

Application: WO 99US14299 19990626 (PCT/WO US9914299)

Priority Application: US 9890782 19980626

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Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 19482

English Abstract

A micro-architectural method increases the performance of microprocessor and digital circuit designs by increasing the usable instruction-level parallelism during execution. The method can be applied to substantially increase the performance of processors in a broad range of instruction sets including CISC, RISC, and EPIC designs. Code blocks of instructions are transformed from the original instruction set architecture to a new instruction set architecture by an instruction stream transformation unit (102). The transformed code blocks are then cached in an instruction cache (104). The process increases processor performance by substantially increasing the instruction-level parallelism available during execution by an execution unit (100).

French Abstract

Notre procede micro-architectural accroît les performances des microprocesseurs et des circuits numeriques en augmentant le parallelisme entre instructions utilisable durant l'execution. On peut employer ce procede afin d'augmenter sensiblement les performances des processeurs dans une vaste gamme d'architectures de jeux d'instructions, notamment dans les architectures CISC, RISC et EPIC. Les blocs de codage des instructions sont transformes par une unite de transformation des trains d'instructions, qui les fait passer de l'architecture du jeu d'instructions d'origine devant etre execute a une nouvelle architecture de jeu d'instructions. Les blocs de codage transformes subissent ensuite une gestion de type antememoire dans une antememoire de trains d'instructions. Ce procede de transformation accroît les performances des

processeurs par le fait qu'il augmente sensiblement le parallelisme entre instructions utilisable durant l'execution.

Fulltext Availability:

Claims

Claim

- ... numbers will increase monotonically but will not necessarily be sequential integers.)
- Also, several transformed ISA **code** blocks may be **executed** in sequence or the same **code** block may be **executed** several times due to branching. Therefore, the sequence numbers from different **code** blocks or sequential **executions** of the same block must be kept conceptually separate by the re-ordering hardware via sequential numbering of **code** blocks being **executed** or other sequential numbering mechanism.
- External interrupts
- External interrupts such as keyboard or disk interrupts...
- ...source operands of instructions being decoded must be checked against destination operands of instructions in **process**. For transformed ISA **code**, the **process** is simplified because the instructions within one parallel instruction tuple are known to be independent...
- ...checking may be minimal within a transformed code block. However, we still need inter-lock **checking** when crossing **code** block boundaries unless very conservative run-time scheduling is done at the boundaries. A particular...
- ...different prior instruction streams, so the execute unit must be able to do inter-lock **checking** at least at these **code** block boundaries. For original ISA code, incoming adjacent instructions might be dependent on each other...for preceding instructions or the preceding instruction might be outside of the current block of **code** being analyzed for transformation, the transformed **code** will indicate that normal dependency **checking** must be performed. The execute unit will then perform dependency checking against pending instructions or...
- ...more than 20 dependency checks per cycle. Some dependency checking hardware is required anyway to **execute** original ISA **code** at reasonable issue rates. It may be possible to use the same dependency checking hardware...to substitute a transformed code block for an original code block in the middle of **executing** the original **code** block; if so, mechanisms are needed to atomically update the caches with transformed code blocks...processor design for any ISA, not just processors which perform IS transformation. ee The proposed **history** tables for predicates, **data** hit/miss, value-prediction, and other run-time characteristics may be used in processor designs...
- ...not use IS transformation. For example, a dynamically-scheduled, super-scalar processor may use a **data** hit/miss **history** table to help perform dynamic scheduling. Our ideas for an execute unit which can switch...for predicates, data/hit miss, and ambiguous memory reads to support semi-dynamic and dynamic **code** scheduling. The **execute** unit supports dynamic and static register renaming. Semi-dynamic code scheduling using run-time **information** from the **history** tables to further optimize performance
- Method #2 for precise interrupts
- Dependency vectors in the transformed...
- ...without instruction re-ordering. This is a method enabling processors of different parallel widths to **run** the same **code** fast without having to provide separate binaries for each processor. The original and

transformed ISA...

27/5,K/39 (Item 39 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00529006 **Image available**

I*DOLL

POUPEE INTELLIGENTE

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Inventor(s):

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Priority Application: US 9881889 19980520

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DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT UA UG US VZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG
ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G01L-005/00

International Patent Class: H04N-007/04; A63F-009/22; H04B-007/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 85449

English Abstract

Apparatus for a wireless computer controlled toy system is disclosed, the apparatus including a computer system (100, 105, 110) operative to transmit a first transmission via a first wireless transmitter (110) and at least one toy (120) including a first wireless receiver (130), the toy receiving the first transmission via the first wireless receiver and operative to carry out at least one action based on said first transmission. A method for controlling the toy system is also disclosed.

French Abstract

L'invention concerne un appareil destine a un systeme de jouet commande sans fil par un ordinateur. L'appareil comprend un systeme informatique (100, 105, 110) qui sert a envoyer une premiere transmission au moyen d'un premier emetteur sans fil (110) et au moins un jouet (120) qui comprend un premier recepteur sans fil (130), ledit jouet recevant la premiere transmission au moyen du premier recepteur sans fil et agissant de maniere a executer au moins une action sur la base de la premiere transmission. L'invention concerne egalement un procede pour commander le systeme de jouet.

Fulltext Availability:

Claims

Claim

... to the Profiling Service,
after running client side filters, and perhaps computing
client side aggregate **statistics** .
Client Update Request Class;
A message from the Push Client to the Push
Server, through...Service Subsystem;
The software that handles user registration
through the web.
Reporting Software Subsystem;
The **software** that generates reports and **analysis** from usage **data**
generated by the **Profiling** Service.
Server Console Subsystem;
The end-user software used to control LOIS. Runs on the...

27/5,K/40 (Item 40 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00522344 **Image available**

DISTRIBUTION OF SERVICES IN TELECOMMUNICATIONS NETWORK

REPARTITION DE SERVICES DANS LE RESEAU DE TELECOMMUNICATIONS

Patent Applicant/Assignee:

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Inventor(s):

TUUNANEN Heikki,
PALVIAINEN Keijo,

Patent and Priority Information (Country, Number, Date):

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Application: WO 99FI301 19990409 (PCT/WO FI9900301)

Priority Application: FI 98823 19980409; FI 981961 19980911

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ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD

RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: H04Q-003/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9558

English Abstract

It is advantageous to distribute tasks of network services logically into separate service programs and also physically into several control points. A problem in task distribution is the single point of control, whereby only one service program at a time can control the call. The invention concerns a method of service distribution to several service programs (SLP). A control relationship is formed between the switching point (SSP, MSC) and the service program (SLP) providing it with instructions. The method according to the invention is characterized in that the controllability of the relationship is divided into controllability classes, of which at least one is allocated to the service program (SLP) controlling the switching point (SSP, MSC) so that each controllability class is allocated to only one service program at a

time, and the call is controlled by the service program within the limitations of the control authorization of each controllability class.
French Abstract

Il est avantageux de repartir des taches de services de reseau de maniere logique sur des programmes de service distincts ainsi que, physiquement, sur plusieurs points de controle. En matiere de ventilation des taches, l'utilisation d'un seul point de controle pose un probleme dans la mesure ou l'appel ne peut etre commande que par un seul programme de service a la fois. La presente invention concerne une technique de ventilation des services sur plusieurs programmes de service. Une relation de commande etablie entre le point de commutation et le programme de service permet d'attribuer des instructions a ce programme. La technique selon l'invention se caracterise en ce que la gerabilite d'une relation est subdivisee en classes de gerabilite, dont une au moins est affectee au programme de service qui commande le point de commutation. Ainsi chacune des classes de gerabilite est affectee a un seul programme de services a la fois, l'appel etant commande par le programme de services dans les limites de l'autorisation de commande de chacune des classes de gerabilite.

Fulltext Availability:
Claims

Claim

... information that the service program was due to be activated. Sometimes this is advantageous for **statistical** reasons, for example. Examples of such services are those which are to be performed totally... via another register, such as the Visited Location Register VLR. In some implementations the subscriber **profile information** may also be updated by the SCP with non-call related instructions. When receiving instructions from a service **program**, the switching point **checks** whether the instructions are within the controllability class authorization of that service program. If they...

27/5,K/41 (Item 41 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00317916

METHOD AND SYSTEM FOR GENERATING STATISTICALLY-BASED MEDICAL PROVIDER UTILIZATION PROFILES
PROCEDE ET SYSTEME POUR GENERER SUR DES BASES STATISTIQUES DES PROFILS D'UTILISATION DE PRESTATIONS MEDICALES

Patent Applicant/Assignee:
MEDICODE INC,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9600423 A1 19960104
Application: WO 95US7962 19950623 (PCT/WO US9507962)
Priority Application: US 94264795 19940623

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU
IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD
SE SG SI SK TJ TM TT UA UG UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 20432

English Abstract

A method and system for analyzing historical medical provider billings to statistically establish a normative utilization profile. Comparison of a medical provider's utilization profile with a normative profile is enabled. Client data (101) is loaded from tape. Steps of reordering fields (103) and performing date of service expansion (104) are made. Data is then merged and sorted (106) to ensure all bill ID's are grouped together. Data (108) is then read, analyzed and merged into an extended data set (110). Any other processing (111) may occur and an episode of care (121) is created.

French Abstract

L'invention concerne un procede et un systeme pour analyser les historiques d'utilisation de prestations medicales et les couts afferents, pour etablir un profil d'utilisation standard. On peut ainsi comparer le profil d'un prestataire particulier avec ce standard. Les donnees concernant un client (101) sont chargees sur une bande. On procede a un rearrangement des zones (103) de la memoire et a un enregistrement des dates/durees des services (104). Les donnees sont fusionnees et trieées (106) de maniere a ce que toutes les factures soient groupees par numero d'identification. On lit ensuite des donnees (108), on les analyse et on les fusionne pour avoir l'ensemble complet des donnees (110). On peut effectuer d'autres traitements (111) et creer un fichier pour les periodes de traitement (121).

Fulltext Availability:

Claims

Claim

- ... A method as recited in claim 19, wherein said step of reviewing a patient medical **history record** further comprises:
- (a) accessing a plurality of parameter tables,
 - (b) choosing a disease classification **code** for **review**,
 - (c) accessing said disease classification description table to verify said diagnosis code is valid,
 - (d...
- ...for medical records further comprises:
- (a) accessing a age/gender table,
 - (b) accessing a region **statistic** table,
 - (c) accessing a Zip/Region table,
 - (d) accessing a Identifying code for reporting a medical service **statistic** table,
 - (e) accessing a specialty table,
 - (f) selecting said reference profiles,
 - (g) accessing said age...
- ...standard
- age ranges and/or gender selection for said selected profile,
 - (h) accessing said region **statistic** table to determine adjustments due to particular geographic regions for said selected profile,
 - W accessing...
- ...geographic zip code falls within,
- (j) accessing said Identifying code for reporting a medical service **Statistic** table to identify what adjustments

due to a particular medical specialty, and
(k) accessing said...A method as recited in claim 28, wherein said step
of
reviewing a patient medical **history record** further
comprises:
(a) accessing a plurality of parameter tables,
(b) choosing a disease classification **code** for **review** ,
(c) accessing a disease classification description table,
(d) accessing said disease classification description table
to...

...standard age
ranges and/or gender selection for said selected
profile,
(c) accessing a region **statistic** table to determine
adjustments due to particular geographic regions for
...geographic zip,code falls within,
(e) accessing an Identifying code for reporting a medical
service **Statistic** table to identify what adjustments
due to a particular medical specialty, and
(f) accessing a...

27/5,K/42 (Item 42 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00234265 **Image available**
**SYSTEM FOR DIVIDING PROCESSING TASKS INTO SIGNAL PROCESSOR AND
DECISION-MAKING MICROPROCESSOR INTERFACING**
**SYSTEME DE SEPARATION DES TACHES DE TRAITEMENT EN TACHES POUR INTERFACAGE
AVEC UN PROCESSEUR DE SIGNAUX ET UN MICROPROCESSEUR DE PRISE DE
DECISION**

Patent Applicant/Assignee:
STAR SEMICONDUCTOR CORPORATION,

Inventor(s):
ROBINSON Jeffrey I,
ROUSE Keith,
KRASSOWSKI Andrew J,
MONTLICK Terry F,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9308524 A1 19930429
Application: WO 92US8954 19921014 (PCT/WO US9208954)
Priority Application: US 91776161 19911015

Designated States: AU CA JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE

Main International Patent Class: G06F-009/00

International Patent Class: G06F-09:40

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 219172

English Abstract

Architectures and methods are provided for efficiently dividing a
processing task into tasks for a programmable real time signal processor
(SPROC) (10) and tasks for a decision-making microprocessor (2120). The
SPROC is provided with a non-interrupt structure where data flow is
through a multiported central memory. The SPROC is also programmed in an
environment which requires nothing more than graphic entry of a block

diagram of the user's design. In automatically implementing the block diagram into silicon, the SPROC programming/development environment accounts for and provides software connection and interfaces with a host microprocessor (2120). The programming environment preferably includes: a high-level computer screen entry system which permits choosing, entry, parameterization, and connection of a plurality of functional blocks; a functional block cell library (2015) which provides source code representing the functional blocks; and a signal processor scheduler/compiler (2040) which uses the functional block cell library (2015) and the information entered into the high-level entry system to compile a program and to output source program code for a program memory and source data code for the data memory of the SPROC, as well as a symbol table which provides a memory map which maps SPROC addresses to variable names which the microprocessor (2120) will refer to in separately compiling its program.

French Abstract

On decrit des architectures et procedes qui permettent de separer efficacement une tache de traitement en taches destinees a un processeur de signaux programmable fonctionnant en temps reel (SPROC)(10) et a un microprocesseur de prise de decision (2120). Le SPROC est dote d'une structure depourvue d'interruption ou le flux de donnees arrive par l'intermediaire d'une memoire centrale a ports multiples. Il est aussi programme dans un environnement n'exigeant rien d'autre que l'introduction graphique d'un schema global relatif aux intentions de l'utilisateur. Avec la realisation automatique du schema global dans le silicium, l'environnement de programmation et de developpement du SPROC prend en compte et fournit la connexion au logiciel et realise une interface avec un microprocesseur hote (2120). Cet environnement de programmation comporte de preference un systeme d'introduction a ecran d'affichage perfectionne qui permet de choisir, introduire, parametriser et fournit une connexion avec differents blocs fonctionnels; une bibliotheque a cellules de bloc fonctionnel (2015) qui fournit un code source representant les blocs fonctionnels; et un programmeur/compilateur pour processeur de signal (2040). Ce dernier utilise la bibliotheque a cellules (2015) et l'information introduite dans le systeme d'introduction perfectionne pour compiler un programme et delivrer en sortie un code de programme source concernant une memoire du programme et un code de donnees source destine a la memoire de donnees du SPROC, ainsi qu'une table de symboles qui fournit une cartographie memorisee, contenant les adresses donnees par le SPROC aux differents noms auxquels le microprocesseur (2120) viendra se referer en compilant separement son propre programme.

Fulltext Availability:

Claims

Claim

... of the registers in the GSP 400 to be written into desired locations in the **data** RAM 100. Then the GSP 400 is kept waiting until the wait flag stored in...placed on the appropriate bus, and the twenty-four bit data word located at the **data** or program RAM address which was placed on the appropriate bus is read and latched...SPROC chip. The SPROC chip will asynchronously fetch data from the requested internal RAM location. **Data** will be latched into the external controller when it drives the RD line HIGH again...I = input, 0 = output
While the SPROC 10 aforescribed with a data RAM 100, a **program** RAM 150, a boot ROM 190, GSPs 400, DFMs 600, serial ports 700, and a...

...indicative of which RAM for which the data is destined, as the data RAM and **program** RAM are given distinct address spaces, as previously

described. On the output side, data received...application using a SPROC chip and the code generated by the development system. The preferred **process** of **programming** a SPROC is as follows. The designer must first define the signal **processing application** and determine design requirements. The design is then preferably placed by the designer in a ...development system is connected to a target analog subsystem, one can see how the design **performs** in the actual **application** ., To optimize the design, the designer can modify the values of data and observe the...

...the signal processing design can be ported for use in the end application. If the **application** is to **run** from a self-booting chip, the configuration file can be used to burn an EPROM...

...chip and its EPROM can be placed on a specific printed circuit board. If the **application** is to **run** from a microprocessor, the SPROCLink microprocessor interface (SMI) helps the designer develop a microprocessor application...An auxiliary DC power cable daisy chains power from the interface unit to the SPROCboard **evaluation** board. The **software** components of the development system are described as follows: The SPROClab development system shell executes...

...that includes an icon required to place a function in a signal flow diagram, the **code** required to **execute** the function, and specifications for the parameters required to define the cell. The SPROCfil filter...off I on (default is determined by the Schedule module)
OrCAD Macro Keys: None defined

Execution Time:

In line: **code** duration is 16 cycles maximum

Subroutine: code duration is 22 cycles maximum

Resource Usage:

In...

...off I on (default is determined by the Schedule module)

OrCAD Macro Keys: <ALT> K

Execution Time:

In line: **code** duration is 10 cycles maximum

Subroutine: code duration is 17 cycles maximum

Resource Usage:

In...

...off I on (default is determined by the Schedule module)

OrCAD Macro Keys: <ALT> K

Execution Time:

In line: **code** duration is 14 cycles maximum

Subroutine: code duration is 22 cycles maximum

Resource Usage:

In...Optional: zone = alphanumeric name of timezone (default is null zone)

OrCAD Macro Keys: None defined

Execution Time:

In line-, **code** duration is 0 cycles

Resource Usage:

In line: 0 program RAM locations

0 data RAM...

...2.0 (fixed point format)

Parameters:

Required: none

Optional: none

OrCAD Macro Keys: None defined

Execution Time:
In line: **code** duration is 0 cycles
Resource Usage:
Inline: 0 program RAM locations
0 data RAM locations...

...that the filter file chosen matches the filter
type desired)

OrCAD Macro Keys: <ALT> F

Execution Time
In line: **code** duration is filter dependent
Resource Usage
In line: program RAM usage is filter dependent
data **Execution Time:**
In line: **code** duration is 47 cycles maximum
Subroutine: code duration is 50 cycles maximum.
Resource Usage
In...

...off I on (default is determined by the Schedule module)

OrCAD Macro Keys: <ALT> K

Execution Time:
In line: **code** duration is 8 cycles max'
Subroutine: code duration is 13 cycles maximum
Resource Usage:
In...

...off I on (default is determined by the Schedule module)

OrCAD Macro Keys: <ALT> K

Execution Time:
In line: **code** duration is 12 cycles maximum
Subroutine: code duration is 18 cycles maximum
Resource Usage
In...off I on (default is determined by the Schedule module)
OrCAD Macro Keys: <ALT> R
Execution Time:
In line: **code** duration is 9 cycles maximum.
Subroutine: code duration is 17 cycles maximum
Resource Usage:
In...

...The diagram is created by using a schematic capture package to arrange
and connect signal **processing** functions, or cells, in an order
representing the signal flow of the subsystem. A cell...

27/5,K/43 (Item 43 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00216987 **Image available**

SYSTEM FOR FUNDING FUTURE WORKERS' COMPENSATION LOSSES
SYSTEME DE FINANCEMENT DE PERTES COMPENSATOIRES FUTURES POUR SALARIES

Patent Applicant/Assignee:

RISK DATA CORPORATION,

Inventor(s):

HAMMOND Mark S,
BIANCO Vincent J,
BONK James W,
ZWANZIGER Jack,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9214212 A1 19920820

Application: WO 92US820 19920131 (PCT/WO US9200820)

Priority Application: US 91424 19910206

Designated States: AT AU BE CA CH DE DK ES FR GB GR IT LU MC NL SE

Main International Patent Class: G06F-015/21

International Patent Class: G06F-15:30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12785

English Abstract

A system is disclosed for funding future losses incurred by an insurance carrier on active workers' compensation insurance claims. Forecasting accuracy is improved by generation of statistical models (22) for the various claim types presented. Each model is applied to active claims (30) to obtain cost and duration predictions (46). Total cost predictions are proportioned among various cost categories to more accurately reflect actual and predicted claim costs. A reserve amount is calculated based on predicted cost less any amount paid to date. Balancing of the computed reserve amounts is achieved by use of a hypothetical fund for transferring reserve money from overpredicted claims to the reserves of underpredicted claims. A total reserve amount is calculated for each claim, and an aggregate reserve amount is calculated for all active claims.

French Abstract

L'invention decrit un systeme de financement de pertes futures encourues par un assure dans des reclamations actives d'assurance compensatoire de salarie. L'exactitude previsionnelle est amelioree au moyen de la production de modeles statistiques (22) des differents types de reclamations presentees. Chaque modele s'applique a des reclamations actives (30) dans le but d'obtenir des previsions de couts et de durees (46). Les previsions de couts totales sont reparties entre differentes categories de couts pour reflechir plus exactement les couts de reclamations prevus et sans suite. On calcule un montant de reserve en se basant sur le cout previsionnel moins le montant regle a cette date. On effectue l'equilibrage des montants de reserve calcules au moyen d'un fond hypothetique servant a transferer l'argent de reserve provenant de reclamations surestimees vers les reserves de reclamations sous-estimees. On calcule un montant de reserve total pour chaque reclamation, ainsi qu'un montant de reserve global pour toutes les reclamations actives.

Fulltext Availability:

Claims

Claim

... said active claims.

35 The apparatus of Claim 34, wherein said means for generating a **statistical** model comprises:
system computer (18); and

computer **program** for processing and **analyzing**
said **historical data** .

36* The apparatus of Claim 34, wherein said means for applying said model to said...

DIALOG(R)File 349:PCT FULLTEXT
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00171378

OBJECT-ORIENTED, LOGIC, AND DATABASE PROGRAMMING TOOL

OUTIL DE PROGRAMMATION D'EXECUTION, LOGIQUE ET D'UNE BASE DE DONNEES

Patent Applicant/Assignee:

EASTMAN KODAK COMPANY,

Inventor(s):

MELLENDER Fredric H,

STRAW Andrew G,

RIEGEL Stephen E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9004829 A2 19900503

Application: WO 89US4687 19891023 (PCT/WO US8904687)

Priority Application: US 88791 19881024

Designated States: AT BE CH DE FR GB IT JP LU NL SE

Main International Patent Class: G06F-009/44

International Patent Class: G06F-15:40

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 40470

English Abstract

A programming tool is provided which integrates an object-oriented programming language system, a logic programming language system, and a database in such a manner that logic terms can be treated as objects in the object-oriented programming language system, objects can be treated as logic terms in the logic programming language system, and logic terms and objects are stored in the database in a common data structure format. Automatic management of the database is provided which is transparent to the user.

French Abstract

L'outil de programmation integre un systeme de langage de programmation d'execution, un systeme de langage de programmation logique et une base de donnees, de maniere que les termes logiques puissent etre traitees en tant qu'objets dans le systeme de langage de programmation d'execution, que les objets puissent etre traitees en tant que termes logiques dans le systeme de langage de programmation logique, et que les termes logiques et les objets soient stockes dans la base de donnees dans un format de structure de donnees commun. La gestion automatique de la base de donnees est transparente pour l'utilisateur.

Fulltext Availability:

Claims

Claim

... improvement claimed in claim 35, wherein a further improvement comprises: the interpreter replacing message sending **bytecodes** with block **evaluation bytecodes** .

38 In a Smalltalk **programming** language system, including a Smalltalk programming language, a compiler for translating Smalltalk source code into...

...a database manager for putting and retrieving objects in the database, and an interpreter for **executing** the interpreter **code** and generating calls to the database manager, the improvement comprising: debugger means for providing debugging capabilities such as -98 setting break points,

stepping through **program execution** , **tracing information** (e.g. messages, blocks, **bytecodes** , **processes**), and displaying values of data structures; said debugger means being integrated with the interpreter and...

?

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Jul
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Set	Items	Description
S1	5208	HISTORY OR HISTORIES OR HISTORICAL OR TRACE? ? OR TRACING? OR PROFIL??? ?
S2	51	CHRONOLOG??? ? OR CHRONOLOGUING
S3	2217	LOG OR LOGS
S4	893	LOGGED OR LOGGING
S5	1183	S1:S4(3N) (DATA OR INFORMATION OR RECORD? ?)
S6	81565	APP OR APPS OR APPLICATION? ? OR PROGRAM? ? OR PROGRAMMING OR PROGRAMME OR PROGRAMMES OR CODE OR CODES OR SOFTWARE OR SO- FT()WARE? ? OR SOURCECODE?
S7	1241	OBJECTCODE? OR CODING? ? OR BYTECODE?
S8	4500	S6:S7(5N) (ANALYS? OR ANALYZ? OR ANALYT? OR REVIEW? OR EVAL- UAT? OR INSPECT???? ? OR ASSESS????? ? OR EXAMIN??????? ? OR A- PPRAIS?)
S9	7907	S6:S7(5N) (MONITOR? OR TRACK??? ? OR SCREEN??? ? OR CHECK??? ? OR CHEQU??? ? OR DIAGNOS?)
S10	234	S6:S7(5N) (AUDIT OR AUDITS OR AUDITED OR AUDITING OR SCRUTI- N????? ?)
S11	552	S6:S7(5N) (SCAN OR SCANS OR SCANNED OR SCANNING)
S12	322	S5 AND S8:S11
S13	45	S12 AND STATISTIC?
S14	6	S13/2001:2003
S15	39	S13 NOT S14

? t15/7/11-12,17

15/7/11

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01109941 DOCUMENT TYPE: Product

PRODUCT NAME: ACTIVITY MONITOR for DB2 (109941)

BMC Software Inc (467219)
2101 City West Blvd
Houston, TX 77042-2827 United States
TELEPHONE: (713) 918-8800

RECORD TYPE: Directory

CONTACT: Sales Department

BMC Software 's **ACTIVITY MONITOR** for DB2 (R) is a performance monitor that automatically and transparently detects and repairs DB2 subsystem performance problems. Tapping **ACTIVITY MONITOR** for DB2, administrators can improve system and application performance; access detailed performance data quickly; and monitor multiple DB2 systems from a single control console. **ACTIVITY MONITOR** for DB2 can be customized to meet targeted user requirements. The system accesses control blocks and **trace records**, collecting more than 4,000 performance variables. **ACTIVITY MONITOR** for DB2's Report Manager creates instant online and historical reports. The Dynamic Cache SQL Statement report provides administrators with cache **statistics**. **ACTIVITY MONITOR** for DB2 also includes automated tuning and remote system monitoring features. The system can employ more than 75 tools from BMC Software's **OPERTUNE** (R) program.

REVISION DATE: 021025

15/7/12

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01080039 DOCUMENT TYPE: Product

PRODUCT NAME: TeVISTA 2.0 (080039)

Chevin Inc (717321)
113 N Washington St
Rockville, MD 20850 United States
TELEPHONE: (301) 816-0009

RECORD TYPE: Directory

CONTACT: Sales Department

Chevin's TeVISTA (TM) 2.0 streamlines network management, allowing administrators to view node activity and router/switch loads, as well as identify system usage by account. Additionally, systems administrators can employ TeVISTA in defining network baselines and in handling protocol capture and other troubleshooting processes. The system offers detailed network performance reports. TeVISTA encompasses a central management platform, distributed agents, and the HSRMON protocol, allowing systems administrators to view network activity in real time. The system does not hamper network performance. TeVISTA now offers an SNMP Reporter, which displays information on up to 1,000 interfaces and MAC addresses, as well as port utilization- **logging** . **Log information** can be recorded to a graph. TeVISTA also employs logon security and application lockdown features. Even when machines are powered off and Visibility Agents disappear, the system's aggregator component can maintain **statistical** collections. TeVISTA delivers a conversation count of 30,000.

REVISION DATE: 20020430

15/7/17

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00126657 DOCUMENT TYPE: Review

PRODUCT NAMES: Service Level Reporter 1.0 (025151)

TITLE: WebManage's Service Level Reporter Details Performance

AUTHOR: MacVittie, Lori

SOURCE: Network Computing, v11 n19 p36(2) Oct 2, 2000

ISSN: 1046-4468

HOMEPAGE: <http://www.NetworkComputing.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

WebManage Technologies' Service Level Reporter 1.0, an excellent data gathering product, can help provide 'accurate reporting **statistics** to the people that need them' to better manage clustered servers. Service Level Reporter 1.0's back-end agents and advanced communication system can compile and display a full view of a site, including front-end services

running on multiple systems and individual devices in the farm. During testing, installation of components was very easy, and wizards helped in configuring a few options. Data gathered can be stored in any Open Database Connectivity (ODBC) database. Service Level Reporter 1.0 uses Logxlerator technology to collect and keep log files from agents and stores the information in a database. SLR automatically delivers the reports, which are created from aggregated **log** files. Among **data** reported are views of bandwidth utilization, subscribed and real error rates, performance **statistics**, and response times. Metrics can be seen in class, user, or application views. Although Service Level Reporter 1.0 is complicated to configure, WebManage streamlines the process somewhat by making any options that can be prefilled with values ready to go. The installation guide is very complete, and testers could configure Service Level Reporter without any difficulty.

REVISION DATE: 20020630
? t15/3,6,8,10,18

15/18/1
>>>Format 18 is not valid in file 256
? t15/7/3,6,8,10,18

15/7/3
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01751626 DOCUMENT TYPE: Product

PRODUCT NAME: I/Watch (751626)

Quest Software Inc (511285)
8001 Irvine Center Dr
Irvine, CA 92618 United States
TELEPHONE: (949) 754-8000

RECORD TYPE: Directory

CONTACT: Sales Department

I/Watch (TM) from Quest **Software** is a complete enterprise **monitoring** solution for databases, **applications**, and operating systems. I/Watch eases the management of Oracle database and the Oracle E-Business Suite environment by providing proactive information that helps DBAs identify and correct defined performance exception conditions. It runs unattended and alerts administrators of impending problems. Once notification of the problem is received, I/Watch takes the DBA through the necessary steps to respond, from pinpointing the problem all the way to its final resolution. I/Watch provides sophisticated historical replay and analysis capabilities to identify the causes of the problem. I/Watch's multi-tier architecture uses many low-level DBMS and operating system monitoring techniques to keep a continuous watch on specified exception conditions or performance characteristics. Data gathered by I/Watch can be configured to provide early notification, should the same conditions reoccur. I/Watch can even be programmed to take automatic corrective action, thus minimizing the chances of the problem reoccurring. Other features include a capacity to help tune the environment for optimal performance, recommendations for configuration changes, and identification of bottlenecks. I/Watch also provides alarming and alerting, including e-mail, pager, and SNMP support; comprehensive **statistical** and **historical data** collection; graphical analysis tools; historical analysis tools; diagnostics with tuning recommendations; extensible and open architecture; a scripting language; hands-off

operation; Web integration, including remote access support; and a tool for managing Concurrent Manager workloads.

REVISION DATE: 20030706

15/7/6

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01468495 DOCUMENT TYPE: Product

PRODUCT NAME: TRIM (468495)

Treehouse Software Inc (548774)
409 Broad St #140
Sewickley, PA 15143-1518 United States
TELEPHONE: (412) 741-1677

RECORD TYPE: Directory

CONTACT: Sales Department

TRIM from Treehouse **Software** is a performance **monitor** for ADABAS and Natural, which provides robust online **statistics** about ADABAS and Natural usage. TRIM features a real-time monitor that provides more than 300 online performance **statistics** that track ADABAS activity by user, minute, job, and program, as well as a batch facility that provides total resource utilization **statistics** from summary or detail **log data**.

REVISION DATE: 20020127

15/7/8

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01236195 DOCUMENT TYPE: Product

PRODUCT NAME: VSAMTUNE (236195)

Macro 4 Plc (352853)
Orangery, Turner Hill Rd Worth
Crawley, W Sussex, RH10 4SS United Kingdom
TELEPHONE: () 129-3872000

RECORD TYPE: Directory

CONTACT: Sales Department

VSAMTUNE optimizes VSAM performance. Users can automatically collect dataset **statistics** each time a VSAM dataset is closed and perform online workload management to highlight datasets most in need of attention. VSAMTUNE features tuning and online job submission and dynamic buffering; performs online reporting of datasets; produces tailorable batch reporting; and provides VSAM edit and browse. It can be integrated with all other Macro 4 VSAM products. Users can cross check collected information with the catalog and write it to a self-maintaining history file. VSAMTUNE makes accurate **historical data** always available for all datasets across all real and virtual machines and can be used to plan for future growth and

tuning.

REVISION DATE: 20030723

15/7/10

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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01115819 DOCUMENT TYPE: Product

PRODUCT NAME: Sniffer Basic (115819)

Sniffer Technologies (710199)

3965 Freedom Cir

Santa Clara, CA 95054 United States

TELEPHONE: (972) 308-9960

RECORD TYPE: Directory

CONTACT: Sales Department

Sniffer Technologies' Sniffer Basic analyzer is a fault and performance management tool that captures data, monitors network traffic, and collects **statistics**. Sniffer Basic provides IT staff with information required for troubleshooting and management tasks. The analyzer can support small business, remote office, and departmental office systems. Its straightforward interface displays captured data quickly, and its tracking of daily and **historical** network usage **information** streamlines planning processes. Sniffer Basic's Traffic Map and traffic matrix features identify users. Host tables identify bandwidth problems. Sniffer Basic also provides administrators with protocol distribution information. The product can capture data from multiple network interfaces, display previously captured data, and monitor network **statistics** simultaneously. It can also generate threshold alarms and automatically discover network hosts. Sniffer Basic records alarm information. Alerts can be forwarded to e-mail, beeper, or pager systems. The system's traffic generator feature allows developers to test network hardware and software.

REVISION DATE: 20021030

15/7/18

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00125374 DOCUMENT TYPE: Review

PRODUCT NAMES: iVision 1.0 (015661)

TITLE: iVision QOS Network Analyzer Gets Under the Hood of Your Net

AUTHOR: Morrissey, Peter

SOURCE: Network Computing, v11 n15 p24(2) Aug 7, 2000

ISSN: 1046-4468

HOME PAGE: <http://www.NetworkComputing.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

NetCalibrate's iVision 1.0 QOS analyzer, a network analysis package with a

difference, has the unique ability to track events at a 1-second level. It also provides real-time alerts and flexible reporting abilities. Network engineers or operators have to be made aware of conditions in an enterprise TCP-based network that could indicate poor performance. Such alerts are helpful when an outage brings down the whole network unexpectedly. iVision monitors the state of TCP sessions and leverages trends indicated by the TCP protocol. Bandwidth usage is also tracked for protocol, host, or an entire circuit. iVision shows **statistics** in a real-time graph generated by a Java-based GUI, and another window shows the status of over a dozen TCP-based protocols. Users can adjust thresholds easily and add port numbers, or ranges of ports, to **track** additional **applications**. Events are **logged**, as are **records** for every threshold exceeded. Data provided allows users to see potential performance glitches related to each individual user and server. Users can also define an individual IP address to track for such information as bandwidth utilization and round trip-time (RTT) and packet-loss events counted for the host. EtherNet and Fast EtherNet lines are supported, but NetCalibrate plans to add support for T1, ATM, and gigabit media.

REVISION DATE: 20020630
? t15/7/22-23,27,29-32,35-36,38

15/7/22

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00113276 DOCUMENT TYPE: Review

PRODUCT NAMES: Mentor (705471); Surveyor (665941); Pegasus (727059);
Chisel (682985)

TITLE: Not your average test tools

AUTHOR: Bruno, Charles Kilmartin, Greg

SOURCE: Network World, v15 n42 p91(4) Oct 19, 1998

ISSN: 0887-7661

HOME PAGE: <http://www.nwfusion.com>

RECORD TYPE: Review

REVIEW TYPE: Product Comparison

GRADE: Product Comparison, No Rating

Wandel & Goltermann's WG Mentor, Shomiti's Surveyor, IXIA Communications' IXIA 1600, Ganymede Software's Pegasus, and Network Tools' Chisel are among compared bleeding-edge network test tools. WG Mentor, a powerful diagnostics tool and interactive expert protocol analyzer system, runs on Windows NT/98 to analyze data by imitating an engineer's activities. WG Mentor also provides advice on how to prevent problems on EtherNet and Fast EtherNet LANs. It monitors connections with an eye to finding such errors as TCP retransmissions and connection resets. Surveyor, an expert analysis system, gathers unusually large amounts of **statistical data** such as conventional **trace**-file **data** trapped by protocol analyzers. Surveyor has some analysis features similar to those of WG Mentor, but employs user-set thresholds to locate network errors; WG Mentor provides passive reports. Its Simple Network Management Protocol (SNMP)-based alerts provide finer detail. For example, users can be informed as to how many broadcast packets were transported in the previous 3 seconds. Pegasus is an example of a new type of tool that quantifies the throughput and monitors connectivity of data services guaranteed by service level agreements. Chisel is a specialized test tool and SLA measurement tool that can test network connectivity, user response time, and throughput. Other products

reviewed include Network Instruments' Observer 5.0 and Netcom Systems' SmartBits SMB-2000.

REVISION DATE: 20021226

15/7/23

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00111316 DOCUMENT TYPE: Review

PRODUCT NAMES: Sniffer Basic 3.0 (319741)

TITLE: Sniffer Basic

AUTHOR: Cranford-Petelle, Buffy

SOURCE: PC Today, v12 n9 p45(1) Sep 1998

ISSN: 1040-6484

HOME PAGE: <http://www.pctoday.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Network Associates provides network protocol analysis and monitoring with its Sniffer Basic 3.0. The offering works well for remote offices, departmental networks, or small businesses. With Sniffer Basic, the administrator can compile **data** for a **history** of network usage, do planning for network changes, and accommodate a growing network. The **software** supports real-time **analysis** for showing currently used protocols and IPX transport processes, and can run IP **applications**. **Analyses** are shown in traffic maps, matrices, plots, or other types of charts. Sniffer can conduct several types of analyses and activities simultaneously, including generating traffic and issuing alarms if preset thresholds are exceeded. It can also capture data from multiple interfaces on the network. **Statistics** area compiled for packet rates, error rates, and utilization. Decoding with Sniffer Basic is available through most network protocol suites, and it can decode more than 110 protocols. It supports EtherNet, Fast EtherNet, Token ring, and 100VG LAN topologies. Installation is easy, and the product excels at locating hardware on a network.

REVISION DATE: 20020630

15/7/27

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00110167 DOCUMENT TYPE: Review

PRODUCT NAMES: Crystal Ball Pro 4.0 Windows/Macintosh (017923); WINKS Professional 4.5 Windows & Windows 95 (710369)

TITLE: Letting the computer decide

AUTHOR: Null, Christopher

SOURCE: LAN Times, v15 n17 p20(1) Aug 17, 1998

ISSN: 1040-5917

HOME PAGE: <http://www.lantimes.com>

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

Decisioneering's Crystal Ball Pro 4.0 for Windows and Macintosh and WINKS Professional 4.5 for Windows 3.1/95/NT from TexaSoft are decision support and **analysis application** tools that aid network planners in predicting system performance and graphically display information in a more reliable way than the usual sketchy **historical data**, which may not accurately depict traffic flow on live networks. Crystal Ball Pro 4.0 is a spreadsheet add-on that enhances Microsoft Excel and Lotus 1-2-3 on both the Windows and Macintosh platforms. Many analysis reports and refreshingly visual displays of business scenarios can be created in under 15 minutes, making Crystal Ball an excellent choice. Bundled with the program is a Developer Kit for allowing users to incorporate simulation routines into custom Visual Basic applications. WINKS Professional requires more **statistical** theory knowledge to use and is somewhat dated in referring to the 'industry standard dBASE' format it stores files in. More of a scientific tool than a business solution, WINKS is very difficult to use.

REVISION DATE: 20010930

15/7/29

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00106810 DOCUMENT TYPE: Review

PRODUCT NAMES: RealSecure (665703)

TITLE: Detecting Attacks on Networks

AUTHOR: Herringshaw, Chris

SOURCE: IEEE Computer, v30 n12 p16(2) Dec 1997

ISSN: 0018-9162

HOME PAGE: <http://computer.org/computer>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Internet Security Systems' RealSecure, a real-time security system, uses a distributed network architecture to protect organizations with complex network topologies. This class of system encompasses a complete organization by implementing monitoring agents on local networks, between subnets, and on remote networks on the Internet. Agents analyze data packets as they traverse a network for signs of external or internal attack. It is an example of an intrusion detection system, a type of system that has been used for about 10 years, mostly by large private and government organizations. However, commercial intrusion-detection systems are now available for organizations of smaller size. Network intrusion-detection systems find external and internal security violations as they occur and immediately notify security personnel and network administrators by e-mail or pager. Several types of algorithms are used to locate potential security glitches, including those for **statistical** anomaly detection, rule-based anomaly detection, and a mixture of the two. **Statistical** anomaly detection systems analyze audit- **log data** for unusual user and system activity, and assume that such behavior is evidence of an attack under way. Rule-based detection monitors system logs and resources, and looks for models that imitate an attack profile, while hybrids use a rule base to check for known attacks and protect against new

types of attacks.

REVISION DATE: 20021024

15/7/30

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00106194 DOCUMENT TYPE: Review

PRODUCT NAMES: LANSleuth 4.0 (513113)

TITLE: Simplistic analyzer gets job done

AUTHOR: Garza, Victor R

SOURCE: InfoWorld, v20 n10 p64C(2) Mar 9, 1998

ISSN: 0199-6649

HOME PAGE: <http://www.infoworld.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

LANSleuth 4.0 from Systems & Synchronous could have a better interface, but otherwise it is a good product at a very reasonable price. It does not consume hardware resources and it is easy to install and use. This low-cost packet analyzer can be set up on a nondedicated PC to gather network **statistics** and monitor utilization in real-time. Unlike more expensive software-only products, it does not have a slick interface, nor does it support application-level protocols. Users wanting those features should look to AG Group's EtherPeek and Network General's NetXRay. Strengths of LANSleuth include an easy-to-use address book, robust protocol decoding for a low price, and the **data trace** can be captured to a hard drive for larger **trace - history** files. The **data trace** meter is represented by a graphic equalizer and the filters are well-organized and easy-to-use. There are two filters, a quick filter and the more extensive filter. Filtering triggers can be set by time and date and can alert managers via pager, fax, or e-mail. The interface to LANSleuth suffers most when it comes to presentation of captured packet information. There are two windows. The Packet window is well-thought-out, but the Trace window does not enable the user to easily view the entire stream, including packet data, without scrolling repeatedly to the right.

REVISION DATE: 20030625

15/7/31

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00106172 DOCUMENT TYPE: Review

PRODUCT NAMES: PerformanceWorks SmartWatch Windows 95 & Windows NT (687634)

TITLE: Tool tracks application performance

AUTHOR: Dryden, Patrick

SOURCE: Computerworld, v32 n10 p49(2) Mar 9, 1998

ISSN: 0010-4841

HOME PAGE: <http://www.computerworld.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Landmark Systems' PerformanceWorks SmartWatch promises to provide a user's eye view of how well client/server applications perform, and it partially succeeds. SmartWatch **tracks** the performance of any **application** with a Windows NT or Windows 95 front end. The product uses a small agent to measure the time between when a user's request is made and the ensuing screen update. It **logs** the **information** locally for retrieval, or it can send the information to a central console. SmartWatch differs from other client/server service-level monitors because it measures any change made through the client operating system rather than targeting just a specific application to gather information about. Other products **monitor** specific **applications** and gather diverse **statistics** in order to report on the service experienced by users of that application. These products include those from Envive Corporation and Luminate Software. These products specialize in reporting on performance by SAP R/3 applications. Other tools from Candle and VitalSigns **Software** specialize on **monitoring** transactions across an intranet or the World Wide Web. Performance report software has long been available for mainframes, but SmartWatch is one of the first to track user response times on PCs.

REVISION DATE: 20020819

15/7/32

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00106092 DOCUMENT TYPE: Review

PRODUCT NAMES: Bolero 2.0 Windows NT Beta (614025)

TITLE: Web Analysis Dance Is EveryWare

AUTHOR: Backman, Dan

SOURCE: Network Computing, v8 n22 p44(2) Dec 15, 1997

ISSN: 1046-4468

HOME PAGE: <http://www.NetworkComputing.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

EveryWare Development's Bolero 2.0 beta provides extensive analysis of Web data and even includes information obtained by the unusual method of tracking cookies. Bolero can handle large quantities of **historical** Web accounting **data** and deliver Web usage reports to any Web-enabled desktop. Bolero uses a run-time version of EveryWare's Tango Web-based database reporting engine. With a full version of Tango for Windows NT, Bolero will let the user define custom reports as well as use the 28 reports it contains. Bolero encourages drilling down into its usage reports of the historical activity **statistics** it collects in its database. **Logging information** can be delivered to the database from Windows NT-based Netscape Communications's FastTrack and Enterprise servers and Microsoft's Microsoft Internet **Information** Server (IIS). Other **log** analyzers like those from net.General or WebTrends take performance hits because they must be run on the Web server itself, or else they must download log files from the server and process them. Bolero is much closer to real-time reporting

because it uses server plug-ins to gather logs and compiles summaries only on the database. An attractive interface rounds out the package.

REVISION DATE: 20020630

15/7/35

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00103646 DOCUMENT TYPE: Review

PRODUCT NAMES: CUBE (673871)

TITLE: Fiat Automates Manufacturing With PC Control

AUTHOR: McIlvaine, Bill

SOURCE: Managing Automation, v12 n9 p73(2) Sep 1997

ISSN: 0089-3805

HOME PAGE: <http://www.managingautomation.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

ORSI America's CUBE, an open, versatile, enterprise-level integrated control and management system, was chosen by Fiat S.p.A. to automate and streamline plant operations. The company wants to shorten time to market, lower costs, guarantee high quality, and comply with certification standards, while making products based on customers' requirements and schedules. The first factory to have a complete process control and supervisory plant-information management system installed was the painting line. CUBE compacts multiple desktops into one console for emergency commands, so that operators can more quickly react when process changes are required. Operations are straightforward, and allow operators to show call and command inputs with a single keystroke. Functions for automated recording, alarming, and informing of faults and operational aberrations save operators time that would otherwise require manual **monitoring**. Among CUBE's models and **applications** are client/server **historical** data archiving and retrieval; event and batch management; **statistical** process control; maintenance support; and a real-time graphical expert system. New CUBE products from the vendor include CUBE-Track, a toolkit for development of manufacturing execution systems; CUBE-Web, an Internet/intranet data server; and SuperBatch, a batch management and scheduling system that uses Gensym's G2 expert system-based programming code.

REVISION DATE: 20010630

15/7/36

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00076569 DOCUMENT TYPE: Review

PRODUCT NAMES: Node Tracker 2.00 DOS (556386)

TITLE: Node Tracker checks ailing LAN's health

AUTHOR: Phillips, Ken

SOURCE: PC Week, v12 n10 p80(1) Mar 13, 1995

ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

Frye Computer Systems' Node Tracker 2.00 is an alternative to high-powered, expensive network analyzers. Node Tracker can be used at a moment's notice to check the status of NetWare connections. Node Tracker can quickly check network activity and locate trouble spots, test connectivity, and **record a history** of error **statistics** by node. The software can save a tremendous amount of time, and is very intuitive to use. However, it has a DOS interface and has high memory requirements. Where high-end network analyzers operate on the two lowest layers of the OSI standard, Node Tracker works on the next two OSI levels, the Network and Transport layers. Consequently, it cannot monitor the contents of packets.

REVISION DATE: 20030728

15/7/38

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00070164 DOCUMENT TYPE: Review

PRODUCT NAMES: ServerTrak for NetWare & SFT III 1.0 (527564); Saber
Server Manager 1.0 (524123)

TITLE: NetWare Server-Snooping Rivals Boast Windows Faces

AUTHOR: Kahn, Scott Sweet, Lisa L

SOURCE: PC Week, v11 n42 pN/1(3) Oct 24, 1994

ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

Two LAN monitoring and management packages for NetWare LANs are compared, ServerTrak for Windows 1.0 (for network administrators needing comprehensive network monitoring) and Saber Server Manager 1.0 (for network administrators needing included network optimization guidance). Saber Server Manager 1.0 is the easiest to use and learn, with the best installation process, documentation, and online help. Intrak's ServerTrak for Windows has excellent multiserver support and real-time **historical data** collection, while Saber Server Manager is rated best for **historical data** collection and remote server configuration. ServerTrak report customizing received the best rating, and it includes 30 new **statistical** analysis features. A particularly useful function shows **statistics** concurrently for many servers.

REVISION DATE: 20020923

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